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Examiner

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Applicant(s)/Patent under Reexamination

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Art Unit

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|       | _          | 10   |          |                         |                         |     |   |   |   |   | July. |       |          |   |        |   | T   | Т   | Г            |        |        |       |       | æ        |   |        |        |    |     |        |  |        |               |
| Final | Original   | 120% | <b>.</b> |                         |                         |     |   |   |   |   | 1     | Final | Original |   |        |   |   |   |              |        |        | 1.00  | Final | Original |   |        |        |    | ı   | - 1    |  |        |               |
| 造     | <u>چ</u> ا |      |          |                         | 1                       |     |   |   |   |   | J.    | 這     | Έ        |   | 1      |   |   |   |              | 1 1    |        |       | 這     | )riç     |   |        | - [    | ľ  |     | -      |  |        |               |
|       | ı          | 12   |          |                         |                         |     |   |   |   | • | - 1   |       |          |   |        |   |   |   |              |        |        |       |       |          |   |        |        |    |     |        | $\perp$  |        |               |
|       | 0          | V    |          |                         |                         |     |   |   |   |   | 149   |       | 51       |   |        |   |   |   |              |        |        | :     |       | 101      |   |        |        |    |     |        | $\Box$   |        |               |
|       | 2          | 7    |          |                         |                         |     |   |   |   |   | 7     |       | 52       |   |        |   | $\perp$   |   |              |        |        |       |       | 102      |   |        |        |    |     |        |  |        |               |
|       | 3          | 1    |          |                         |                         |     |   |   |   |   | 2     |       | 53       |   |        |   |   |   |              |        |        |       |       | 103      |   |        |        | ٠. |     |        |  |        |               |
|       | 4          | 7    |          |                         |                         |     |   |   |   |   |       |       | 54       |   |        | $oldsymbol{\perp}$                                |   |   | $\perp$      |        |        |       |       | 104      |   |        | $\Box$ |    |     |        | $\perp$  |        |               |
|       | 5_         | 1    |          |                         | •                       |     |   |   |   |   |       |       | 55       |   |        |   |   |   |              |        |        |       |       | 105      |   |        | $\Box$ |    |     | ┙      | $\perp$  |        | $\square$     |
|       | 6          | 1    |          |                         |                         |     |   |   |   |   | 1 .   |       | 56       |   |        |   |   |   |              |        |        |       |       | 106      |   |        |        | _  | _   |        | ightharpoonup  |        |               |
|       | 7          | /    |          |                         |                         |     |   |   |   |   |       |       | 57       |   |        | $\perp$   | $\perp$   | ┵   | $\perp$      | Ш      | $\Box$ | 4.4   |       | 107      | Ш | Ц      |        |    |     | ┙      |  |        | $\square$     |
|       | 8          | V    |          |                         |                         |     |   |   |   |   |       |       | 58       | Ш |        |   | $\perp$   |   |              |        | $\Box$ |       |       | 108      |   |        | _      |    |     |        | ightharpoonup  | Ш      |               |
|       | 9          | 1    |          |                         |                         |     |   |   |   |   |       |       | 59       | Ш | _      |   | $\perp$   |   |              | Ш      |        |       |       | 109      |   |        | l      |    | _   |        |  |        | ш             |
|       | (10)       | £    |          |                         |                         |     |   |   |   |   | 4     |       | 60       |   |        |   |   |   |              |        |        | g . i |       | 110      |   |        |        |    |     |        | $\bot$   | $\Box$ |               |
|       | 71         | 2    | Ш        | $oldsymbol{\mathbb{I}}$ |                         |     |   |   |   |   |       |       | 61       | Ш | [      |   | $\perp$   | L   | $\perp$      | Ш      |        | 1 1   |       | 111      |   |        |        | [  |     |        | $\perp$  |        |               |
|       | 12         | =    |          |                         | $\Box$                  |     |   |   |   |   |       |       | 62       |   |        | $\Box$  |   |   |              |        |        | :     |       | 112      |   |        | I      |    | ]   |        |  |        |               |
|       | 13         | 2    |          | $\Box$                  |                         |     |   |   | Ш |   | 2.3   |       | 63       |   |        | $\perp \! \! \! \! \! \! \! \perp$                |   | L   |              | Ш      |        |       |       | 113      |   | Ш      |        | [  |     |        | $\perp$  |        |               |
| L     | 14         | 2    | Ш        |                         |                         |     |   |   |   |   |       |       | 64       | Ш |        |   | $\perp$   |   | $\perp$      | Ш      |        | . 4   |       | 114      |   |        |        | [  |     |        | $\perp$  |        |               |
|       | (15)       | V    |          | $oldsymbol{\mathbb{I}}$ |                         |     |   |   |   |   |       |       | 65       |   |        |   |   |   | L            | $\Box$ |        | #     |       | 115      |   |        | ]      |    |     |        | $\Box$   |        |               |
|       | 16         | J    |          | $oxed{I}$               | $oldsymbol{\mathbb{I}}$ |     |   |   |   |   | 1     |       | 66       |   | I      | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |   | $\perp$   |              | $\Box$ |        | , 65° |       | 116      |   |        |        |    |     |        | $\perp$  |        |               |
|       | 17         | •    |          |                         | J                       |     |   |   |   |   |       |       | 67       |   |        | $\Box$  |   | $\perp$   |              |        |        |       |       | 117      |   |        |        | I  |     | I      |  | $\Box$ |               |
|       | 18         | 1    |          |                         |                         |     |   |   |   |   |       |       | 68       |   |        |   |   |   |              |        |        | 19    |       | 118      |   |        |        |    |     |        |  |        |               |
|       | 19         | 1    |          |                         |                         |     |   |   |   |   |       |       | 69       |   |        |   |   |   |              |        |        | į.    |       | 119      |   |        |        |    |     |        |  |        |               |
| -     | 20         |      | -J×      |                         |                         |     |   |   |   |   | 3.5   |       | 70       |   |        |   |   |   |              |        |        |       |       | 120      |   |        |        |    |     |        |  |        |               |
|       | 21         |      |          |                         |                         |     |   |   |   |   |       |       | 71       |   |        |   |   |   |              |        |        |       |       | 121      |   |        |        |    |     |        | $\Box$   |        |               |
|       | 22         |      |          |                         |                         |     |   |   |   |   |       |       | 72       |   |        |   |   |   |              |        |        |       |       | 122      |   |        |        |    |     | $\Box$ | $\Box$   |        |               |
|       | 23         |      |          |                         |                         |     |   |   |   |   | :     |       | 73       |   |        |   | Т   |   |              |        |        |       |       | 123      |   |        |        |    |     |        |  |        |               |
|       | 24         |      |          |                         |                         |     |   |   |   |   |       |       | 74       |   |        |   |   |   |              |        |        |       |       | 124      |   |        |        |    |     |        |  |        |               |
|       | 25         |      |          |                         |                         |     |   |   |   |   | , ÷   |       | 75       |   |        |   |   |   |              |        |        |       |       | 125      |   |        |        |    |     |        |  |        |               |
| ·     | 26         |      |          |                         |                         |     |   |   |   |   |       |       | 76       |   |        |   |   | $\perp$   | Т            |        |        |       |       | 126      |   |        |        |    |     |        |  |        |               |
|       | 27         |      |          |                         | $\Box$                  |     |   |   |   |   | Š-    |       | 77       |   |        |   |   |   |              |        |        |       |       | 127      |   |        | _      |    |     |        |  |        |               |
|       | 28         |      |          |                         |                         |     |   |   |   |   | ,     |       | 78       |   |        |   |   |   |              |        |        |       |       | 128      |   |        |        |    |     |        |  |        |               |
|       | 29         |      |          |                         |                         |     |   |   |   |   | Ģ,    |       | 79       |   |        |   |   |   |              |        |        |       |       | 129      |   |        |        |    |     |        |  |        |               |
|       | 30         |      |          |                         |                         |     |   |   |   |   |       |       | 80       |   |        |   |   |   |              |        |        | -     |       | 130      |   |        |        |    |     |        |  |        |               |
|       | 31         |      |          |                         | T                       |     |   |   |   |   | Ž.    |       | 81       |   |        |   |   |   |              |        |        |       |       | 131      |   |        |        |    |     |        | $\Box$   |        |               |
|       | 32         |      |          |                         | J                       |     |   |   |   |   |       |       | 82       |   |        | $\Box$  |   | $\perp$   | $oxed{\Box}$ |        |        |       |       | 132      |   |        |        |    |     | $\Box$ | $oldsymbol{ol}}}}}}}}}}}}}}}}$ |        |               |
|       | 33         |      |          | $\Box$                  | ╝                       |     |   |   |   |   |       |       | 83       |   |        | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$    | $\perp \Gamma$  | $oldsymbol{\perp}$                                  | $oxed{\Box}$ | $\Box$ |        | 40    |       | 133      |   |        |        |    |     |        | $oxed{J}$  |        |               |
|       | 34         |      |          |                         |                         |     |   |   |   |   |       |       | 84       |   |        |   |   | $\perp$   |              |        |        |       |       | 134      |   |        |        | [  |     |        |  |        |               |
|       | 35         |      | $\Box$   | $oxed{oxed}$            |                         |     |   |   |   |   |       |       | 85       |   |        | $\perp$   |   | $\perp$   |              | $\Box$ |        |       |       | 135      |   | $\Box$ |        |    |     |        | $oldsymbol{\bot}$  |        |               |
|       | 36         |      | LJ.      | $oxed{J}$               |                         |     |   |   |   |   | .     |       | 86       |   |        | $\Box$  | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Gamma}}}$ |              | $\Box$ |        |       |       | 136      |   |        |        |    |     |        | $\Box$   |        |               |
|       | 37         |      | LΪ       | $\Box$                  | ┚                       |     |   |   |   |   |       |       | 87       |   |        | $_{ m I}$   | $oldsymbol{ol}}}}}}}}}}}}}}}$ |   | L            |        |        |       |       | 137      |   |        | ]      |    |     |        | $oldsymbol{ol}}}}}}}}}}}}}}}}$   | $\Box$ |               |
|       | 38         |      | oxdot    | $\Box$                  |                         | ]   |   |   |   |   | -     |       | 88       |   |        | $oxed{oxed}$                                      | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$   | $\perp$   | $\perp$      |        |        |       |       | 138      |   |        |        |    |     |        | $oldsymbol{ol{ol}}}}}}}}}}}}}}}}}}}$   |        |               |
|       | 39         |      |          |                         | J                       |     |   |   |   |   |       |       | 89       |   |        | $\Box$  | $oldsymbol{ol}}}}}}}}}}}}}}}$ |   | $oxed{oxed}$ |        |        | ı i   |       | 139      |   |        |        |    |     |        | $\Box$   |        |               |
|       | 40         |      |          |                         |                         |     |   |   |   |   |       |       | 90       |   |        | $\Box$  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$   | I   |              |        |        |       |       | 140      |   |        |        |    |     |        |  |        |               |
|       | 41         |      |          | ⅎ                       |                         |     |   |   |   |   |       |       | 91       |   |        |   |   |   |              |        |        | 1     |       | 141      |   |        |        |    |     | $\Box$ |  |        |               |
|       | 42         |      |          |                         |                         |     |   |   |   |   | -     |       | 92       |   | $\Box$ | $\Box$  | $\perp$   | Ι   | $\mathbb{I}$ |        |        | 1     |       | 142      |   |        |        |    |     |        | $\Box$   |        |               |
|       | 43         |      |          |                         |                         |     |   |   |   |   |       |       | 93       |   |        |   | $\Box$  | $oldsymbol{\mathbb{T}}$                             | $oxed{oxed}$ |        |        |       |       | 143      |   |        |        |    |     |        | $\Box$   |        |               |
|       | 44         |      |          |                         |                         |     |   |   |   |   | 2.    |       | 94       |   |        | $\Box$ T  |   | T   | $I^{-}$      |        |        |       |       | 144      |   |        |        |    |     |        | $\Box$   |        |               |
|       | 45         |      | $\Box$   | ヿ                       |                         |     |   |   |   |   |       |       | 95       | П | 一      | $\neg$  | $\top$  | T   |              |        |        |       |       | 145      |   |        |        |    |     | _      |  |        | $\Box$        |
|       | 46         |      |          | $\neg$                  |                         |     |   |   | П |   |       |       | 96       | П |        | $\neg$  |   | $\top$  |              |        |        |       |       | 146      |   |        |        |    |     |        | $\top$   |        |               |
|       | 47         |      | П        | 一                       | T                       |     |   | П | П |   |       |       | 97       |   | $\neg$ | $\dashv$  | $\dashv$  | $\top$  | Τ            |        |        |       |       | 147      |   |        |        |    |     | $\neg$ | $\top$   | $\neg$ | $\overline{}$ |
|       | 48         |      | $\Box$   | $\neg$                  |                         |     |   |   |   |   |       |       | 98       |   |        |   |   | ▔   | 1            |        |        |       |       | 148      |   |        | 1      |    |     |        |  |        | $\Box$        |
|       | 49         |      | $\Box$   |                         |                         |     |   |   |   |   |       |       | 99       | П |        |   |   |   | $\top$       |        |        |       |       | 149      |   |        |        |    |     |        | $\exists$  |        |               |
|       | 50         |      | $\Box$   |                         |                         |     |   |   |   |   |       |       | 100      | П | 一      |   | $\top$  | T   |              | П      |        |       |       | 150      |   |        |        |    |     | 一      | $\neg$   | $\neg$ | $\neg$        |